



MSTT



AMaCE

Advanced Machining Cost Estimator

Result of Inaccurate Estimation



Reason for Inaccurate Estimation



Output from AMaCE

- 1 • **Project cost** (Selling Cost of the product)
- 2 • **Part cost** (Manufacturing Cost of the Part)
- 3 • **Scrap Cost**
- 4 • **Tool Cost**
- 5 • **Operation break-up**
- 6 • **Cycle Time Chart**

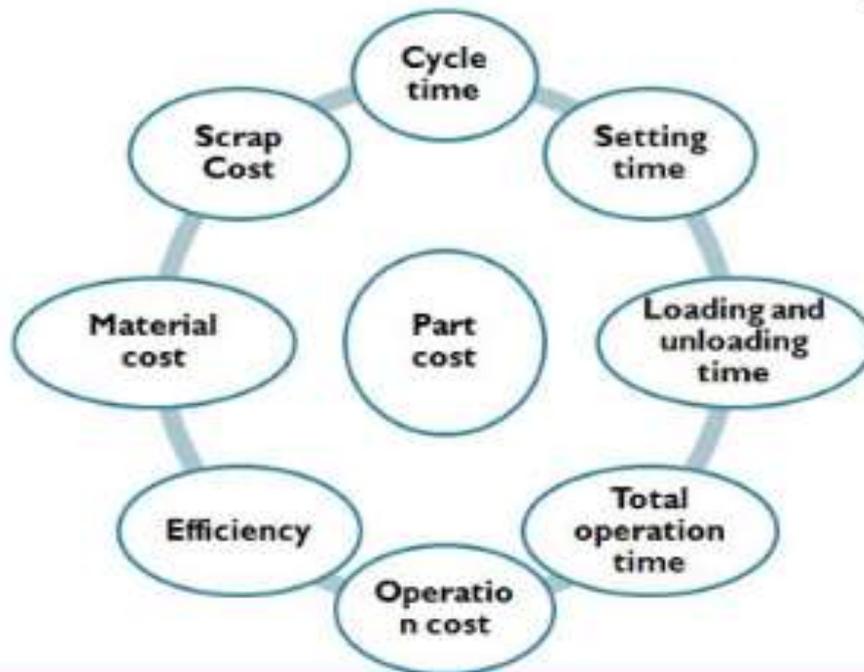
PROJECT COST:

- Project cost will give you the following details



PART COST:

- Part cost contains details of following



OPERATION BREAK-UP:

- Operation break-up contain details of



FEATURES OF AMaCE

- ❖ Not only overall rate of the project can be calculated, part cost, operation-breakup can also be calculated.
- ❖ You can also create report manually using manual estimation.
- ❖ The report can be saved as Word, Excel or in PDF formats.
- ❖ You can have “n” number of backups and restore them for future use .
- ❖ You can also import the backup file to other system and work in which AMaCE is installed

ESTIMATION OF PRODUCTS TOOLS

This tools support the estimation of products listed below

1. Machined Component
2. Assembly Product
3. Fixture
4. Mass and batch volume production

MODULES

The tool has 3 modules which covers all the machining process.

1. CNC Turning
2. CNC Milling
3. Complete Module (Milling & Turning)
4. Other information like Profit, Overhead, Packaging, Transport and Efficiency.

INDUSTRY BENEFITS

This Tool is conceived and designed in order to

- ❖ Relieve the Pain of Estimation.
- ❖ Increase the Conversion ratio of Enquiries vs Orders more than 80%.
- ❖ Eliminate losing of orders due to Over estimation
- ❖ Eliminate loss due to Under Costing
- ❖ Increase the Accuracy of Estimation to above 98%.
- ❖ Reduce the Dependency on Experienced Professional

AMACE – Output

TOOL COST

Customer : Enquiry No : 001 Enq Date : 02/06/2021
Description : Estimation No : - Est Date : 06/12/2022
Project Dwg No: 123 Material : EN8
Part Name : Trial Part Quantity : 2000
Part Dwg No : 123 Operation Name : 20 CNC Turning 2
Machine Name : HTC/ACE/400.00

Process	Tool Name	Cycle Time	ToolCost
01 Face Turning	Turning Tool/CNMG	1.26	2.94
02 OD Turning	Turning Tool/CNMG	1.81	4.22
03 Threading	Turning Tool/CNMG	0.05	0.12

Total Tool Cost : 7.28

ProcessChart

Customer Name Project ID ACPL00001 Project Drg No A06F13010400
PartName STEM_DN400 Drawing No A06F13010400 operation Name 10 CNC Turning 1

Process Name Vs Cycle Time Chart

